

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-265603

(43)Date of publication of application : 18.09.2002

(51)Int.CI.

C08G 75/02

(21)Application number : 2001-068495

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(22)Date of filing : 12.03.2001

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(54) METHOD FOR PRODUCING POLYARYRENE SULFIDE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for continuously polymerizing a polyarylene sulfide(PAS), effective for the enhancement of its molecular weight and stabilization by establishing a method capable of discharging a polymer phase and a solvent phase in a constant ratio from a polymerization vessel and consequently always maintaining the PAS composition (concentration) in the polymerization vessel in the continuous polymerization process of the PAS.

SOLUTION: This method for continuously producing the polyarylene sulfide by reacting a sulfur source with dihalogenated aromatic compound in an aprotic solvent is characterized by comprising at least one polymerization reaction process in which the polymer phase as a dispersing phase is a spherical liquid droplet.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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